



## Spring Fisheries Survey Summary Lower Holly Lake, Sawyer County, 2014

The Hayward DNR Fisheries Management Team conducted a fyke netting survey on Lower Holly Lake on May 2, 2014 targeting northern pike, black crappie, and yellow perch. Six nets were set for one night. An electrofishing survey of the entire shoreline of the lake (one mile) was conducted on May 28, 2014 to document the status of largemouth bass and bluegill. Quality, preferred, and memorable sizes referenced in this summary are based on standard proportions of world record lengths developed for each species by the American Fisheries Society.

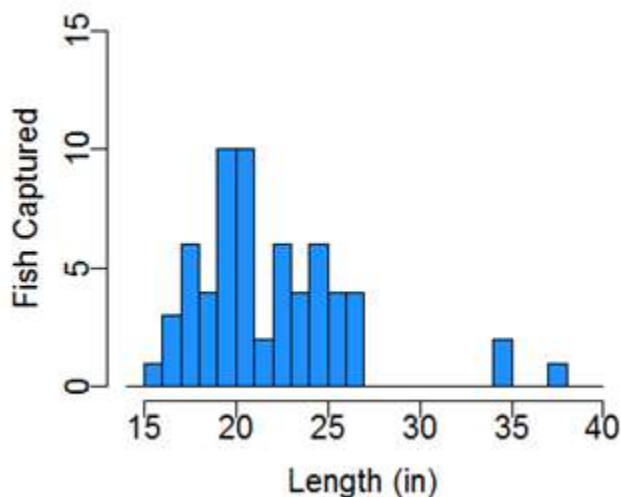
### Description of Habitat and Survey Conditions

Lower Holly is a small dark stained lake with bogs on about 50% of the shoreline. There is abundant aquatic plant growth in the shallow water areas. Our survey was well timed for all target species.

#### Northern Pike



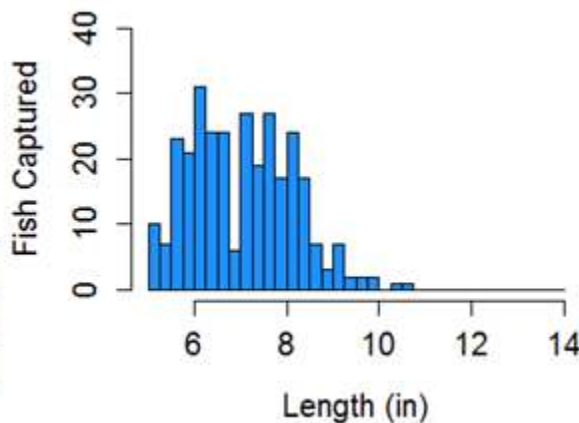
Captured 11 per net-night $\geq 14$ inches	
Quality Size $\geq 21$ "	46%
Preferred Size $\geq 28$ "	5%



#### Black Crappie



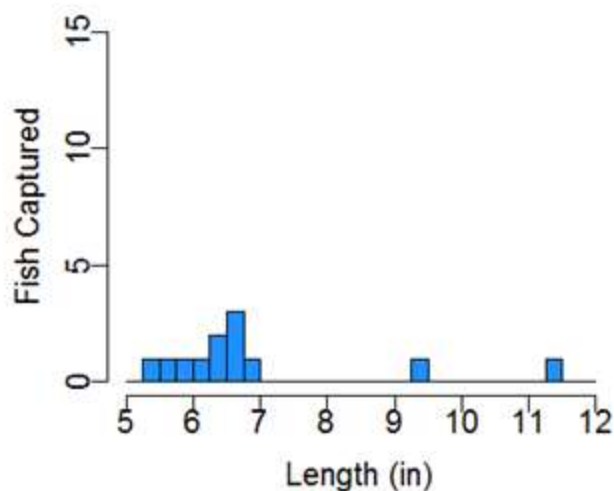
Captured 6 per net-night $\geq 5$ inches	
Quality Size $\geq 8$ "	6%
Preferred Size $\geq 10$ "	3%



### Yellow Perch



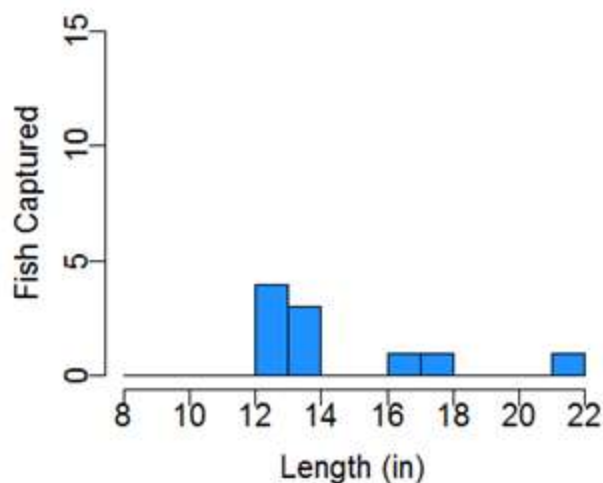
Captured 5 per net-night $\geq 5$ inches	
Quality Size $\geq 8$ "	17%
Preferred Size $\geq 10$ "	8%



### Largemouth bass



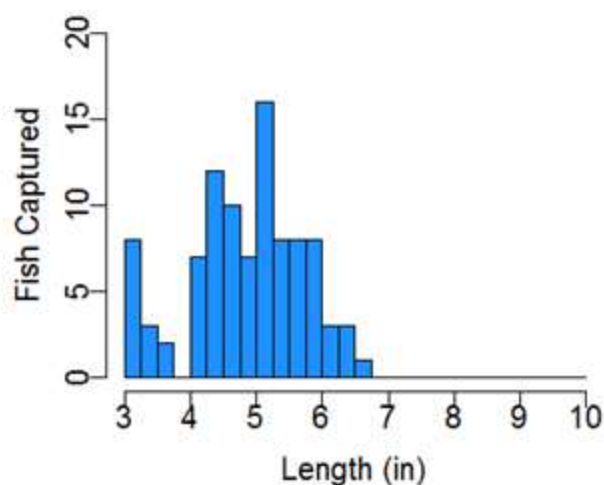
Captured 10 per mile $\geq 8$ inches	
Quality Size $\geq 12$ "	100%
Preferred Size $\geq 15$ "	30%



### Bluegill



Captured 94 per mile $\geq 3$ inches	
Quality Size $\geq 6$ "	7%
Preferred Size $\geq 8$ "	0%



## Summary of Results

Northern pike appear to be the dominant predator in Lower Holly Lake and they were abundant in our survey. However, despite being relatively abundant there were still some very large individual fish. To maintain this state, anglers should focus harvest on the more abundant smaller pike while releasing larger fish.

Black crappie and yellow perch were captured at a relatively low rate and the sample was comprised of mostly smaller fish.

Largemouth bass were captured at a moderate rate with some very large individuals being observed. Catch and release typically creates better bass fishing in these types of lakes.

Bluegill were captured at a moderate rate but size was very poor with few fish that would be considered “keepers” by anglers. It is unclear at this point if this is the result of slow growth or angler harvest.



**Fisheries Technician Scott Braden and volunteer Dan Uniejewski with a very healthy pike from Lower Holly.**

Report by Max Wolter – Fisheries Biologist, Sawyer County

Survey conducted by Max Wolter, Russ Warwick (Fisheries Technician), and Scott Braden (Fisheries Technician)

Special thanks to volunteer Dan Uniejewski

Reviewed and Approved by Steve Avelallemant